

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/004405

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L51/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 008 505 A (CHO ET AL) 28 December 1999 (1999-12-28)	1,2,10, 11,15, 16,18, 24,26, 28,30 8
Y	column 4, line 22 - line 32; figure 3	
X	DE 101 53 656 A1 (INFINEON TECHNOLOGIES AG) 22 May 2003 (2003-05-22)	1-7, 10-14, 16,18, 23,24,28 8
Y	paragraphs '0009!, '0010!, '0014! - '0016!, '0042!; figure 3e ----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

31 August 2005

Date of mailing of the international search report

07/09/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/47045 A (PLASTIC LOGIC LIMITED; SEIKO EPSON CORPORATION; SIRRINGHAUS, HENNING;) 28 June 2001 (2001-06-28)</p> <p>page 21, line 13 - page 22, line 3; figure 7</p>	<p>1,5,6, 10,11, 13,14, 16,18, 22,26,28</p>
X	<p>WO 01/35500 A (THE UNIVERSITY OF LIVERPOOL; ECCLESTON, WILLIAM; LLOYD, GILES, CHRISTI) 17 May 2001 (2001-05-17) page 11, line 20 - page 12, line 7; figure 7</p>	<p>1,18</p>
X	<p>US 2002/173083 A1 (AVOURIS PHAEDON ET AL) 21 November 2002 (2002-11-21)</p> <p>figure 7B</p>	<p>1,2,4, 9-11,13, 15,16, 18,23,24</p>
Y	<p>US 6 344 662 B1 (DIMITRAKOPOULOS CHRISTOS DIMITRIOS ET AL) 5 February 2002 (2002-02-05) column 6, lines 36-42</p>	<p>8</p>

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information on patent family members

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